

ABSTRACT OF THE DISCLOSURE

An antenna base, a control circuit section, and a high-frequency circuit section are enclosed in an inner space defined by a housing and a radome. Inside this inner space, the control circuit section and the high-frequency circuit section are surrounded by the antenna base and the housing. A circuit GND common to the control circuit section and the high-frequency circuit section is electrically connected to the antenna base and the housing, and it is connected to a body GND through only capacitive impedance.